

## Certificate of Analysis

Date of Testing: 2023-10-07 10:31:20  
Date of Next Testing: 2025-10-06 10:31:20  
Product Name: **Tyramine**  
CAS Number: 51-67-2  
Specifications & Purity: 98%  
Lot #: I2321974  
SKU #: **T105543**  
**Analysis:** **273167**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	160-165 (°C)	163.21000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.80 %
Purity(HPLC)	98-100 (%)	98.96500 %
Appearance (T105543)	Off-white to tan crystals,powder or chunks	Off-white to tan crystals,powder or chunks
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager